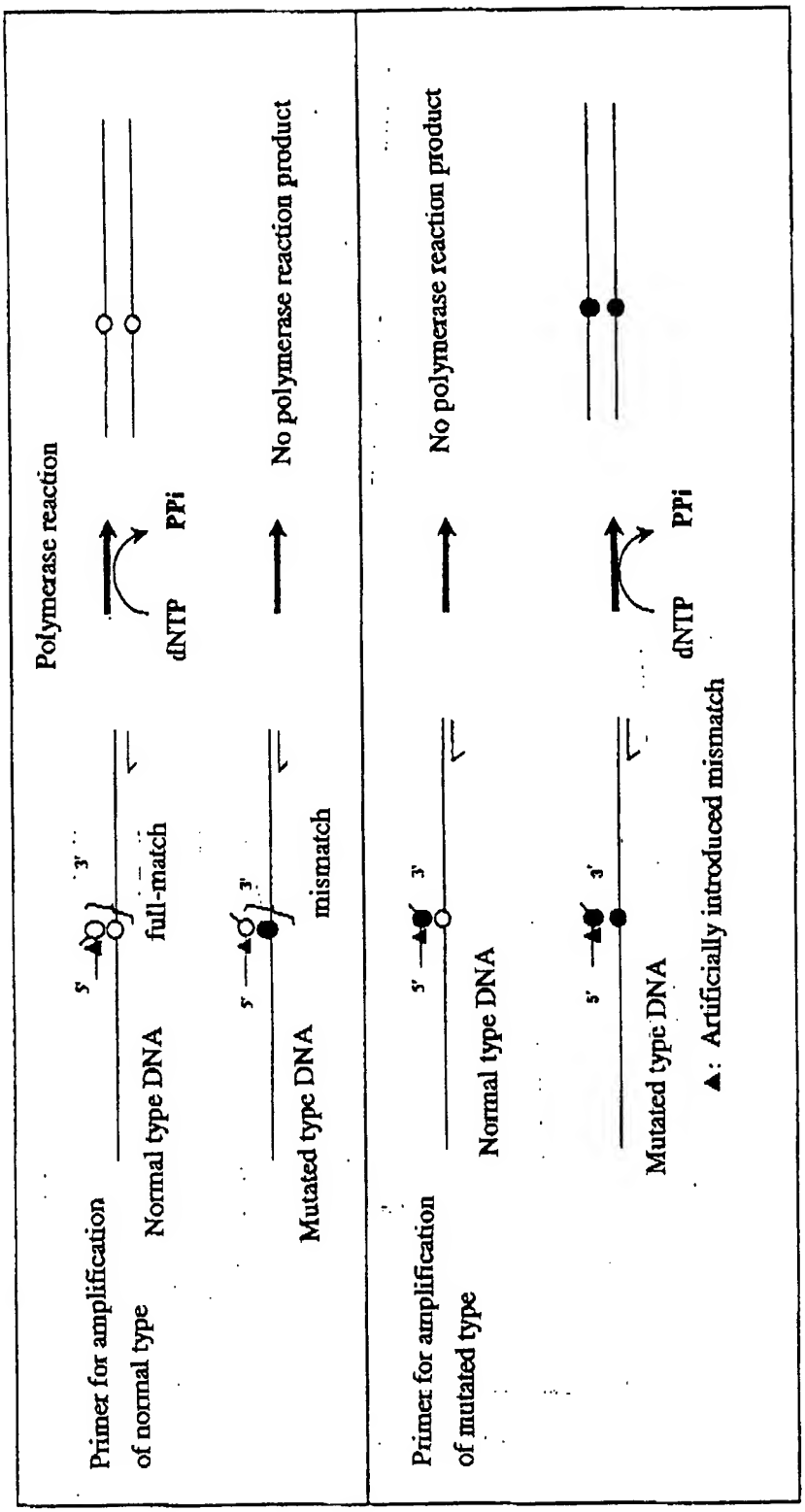
Fig.1


Polymerase reaction
Primer for amplification of normal type
5'
3'
Normal type DNA
full-match
dNTP
PPi
Mutated type DNA
mismatch
No polymerase reaction product
Primer for amplification of mutated type
Normal type DNA
No polymerase reaction product
Mutated type DNA
dNTP
PPi
▲: Artificially introduced mismatch